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L2: Entry 6 of 7

File: USPT

Sep 26, 1978

DOCUMENT-IDENTIFIER: US 4116768 A
TITLE: Process for producing a peptide

Detailed Description Text (6):

which are used in the process of the invention, are referred as the amine component. In the formula B represents an amino acid residue or peptide residue which can be the same defined above as A. The protective groups for the carboxyl group (C-terminal protective groups) of the amine component include alkoxy groups such as methoxy (--OMe), ethoxy (--OEt); tertiary alkoxy groups such as t-butoxy (--O-t-Bu); and benzyloxy groups which can be substituted such as benzyloxy (--OBzl), p-nitrobenzyloxy (--OBzl (p-NO.sub.2)), benzhydryloxy (--OBzh), benzylamino (--NHBzl), 2,4-dimethoxybenzylamino (--NHDMB), benzhydrylamino (--NHBzh) or unsubstituted amino (--NH.sub.2) etc.

also 5002872

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L2: Entry 2 of 7

File: USPT

Mar 26, 1991

DOCUMENT-IDENTIFIER: US 5002872 A

TITLE: Enzyme mediated coupling reactions

Brief Summary Text (18):

The amino-donating amino acids are protected by suitable C-terminal protective groups. The protective groups for the carboxyl group (C-terminal protective groups) of the amine component include alkoxy groups such as methoxy (--OMe), ethoxy (--OEt); tertiary alkoxy groups such as t-butoxy (--O--t--Bu); and benzyloxy groups which can be substituted such as benzyloxy (--OBzl), p-nitrobenzyloxy (--OBzl(p--NO.sub.2)), benzhydryloxy (--OBzh), benzylamino (--NHBzl), 2,4-dimethoxybenzylamino (--NHDMB), benzhydrylamino (--NHBzh) or unsubstituted amino (--NH.sub.2), etc. Also the amide and hydrazide groups can be employed as C-terminal protective groups.